ABSTRACT OF THE DISCLOSURE

An apparatus and a method for decoding an error correction code in a communication system. In the apparatus, symbol position information for

5 relocating each reception symbol is determined utilizing the block code generator matrix information having k rows and n columns and an IFHT size information for performing an IFHT for the reception symbols, each reception symbol is relocated as an input of an IFHT unit according to the determined symbol position information, the relocated symbols are input and the IFHT is performed

10 for the symbols; and a codeword of the block code, which has a maximum correlation value from among result values obtained by performing the IFHT, is output as a decoding signal.